

DIRECTV®
Big Button Remote



USER GUIDE

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- If you do not plan to use the remote for an extended period, remove the batteries. They can leak chemicals that can destroy electronic parts.

WARNING: Dispose of old batteries promptly and properly. Do not burn or bury them.

FEATURES AND FUNCTIONS

NOTE: The DIRECTV Big Button Remote does not support some DIRECTV Interactive Applications.

NOTE: If you are using your DIRECTV Big Button Remote with an HD receiver, you cannot change the HD format with the remote. To adjust HD display settings, use your receiver's front-panel **RES** button and the *Display* option under *System Settings* in the Quick Menu.

Press this key...	To...
   	Select a device to control.
	 puts the remote into DIRECTV mode. This is the mode you use to watch TV with your DIRECTV Receiver.
	Turn on or off the selected device.
	Switch the TV's input to view TV or video programs.
     	<p>Use these keys to control your DIRECTV DVR, or your VCR, DVD or CD/DVD player.</p> <p>On a DIRECTV Plus DVR, pressing REC enables one-touch record for any selected program.</p>
	Display the DIRECTV program Guide.
	Display your TO DO list of programs. (Not available on all DIRECTV Receivers.)
	Exits any menu and returns to the last channel viewed in DIRECTV mode; exits the menu for another selected device.

Press this key...

To...



Use the arrows to move the cursor in the program Guide and menu screens. Press **SELECT** to choose options from the selected device's menu or Guide.



Display the Quick Menu in DIRECTV mode, or other menu for another selected device.



View the current channel and program information.



Raise or lower the sound level.



Turn the sound off or on.



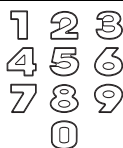
Select the next or previous channel.

Select next or previous chapter on some models of DVD players.

When in the DIRECTV Guide or other menu, **CH+** (or **CH-**) allows you to page up (or down) through a list of items.



Recall the last-viewed channel.



Directly enter channels (for example, **09** or **31**).

PROGRAMMING A DEVICE

The DIRECTV Big Button Remote comes pre-programmed to operate a DTV Receiver or DVR. To control devices other than default brands, follow these steps; otherwise, skip this section.

Before proceeding, find the codes for the devices you want to program in Manufacturer's Codes and write them down or highlight them. (See "Manufacturer's Codes" on page 13.)

NOTE: To program a TV/DVD, TV/VCR/DVD, or TV/VCR Combo, use the **AUX 1** or **AUX 2** key.

1. Turn on the device (for example, TV) and, if needed, load media (for example, DVD).

2. On the remote, press and release the appropriate mode key for the device you want to program (that is, **DIRECTV**, **TV**, **AUX 1**, or **AUX 2**).
3. Press and hold the mode key until the green LED flashes twice. Release the key.
4. Enter the first five-digit code for your device. The LED blinks once as each digit is entered. If the code is correct, the LED blinks twice.

NOTE: If the LED does not blink twice, repeat steps 2 to 5 and try entering the code again.

5. Aim the remote at the device and press **POWER** (or **PLAY**, if it does not have a **POWER** key). The device should turn off. If it does not, repeat steps 2 to 6, trying each code for your brand until you find one that works. If you cannot find a code that works, see Searching for Your Code.
6. Repeat steps 1 to 5 for each device. For future reference, write down each working device code in a safe place.

SEARCHING FOR YOUR CODE

If your device does not respond to the remote after trying all codes listed for your brand, or if your brand is not listed, try searching for your code. For example, to search for a code for your TV:

1. Press and hold **TV** until the green LED blinks twice.
2. Enter **9 9 1**. The LED blinks twice.
3. Enter the device ID code, according to the following table:

4. Aim the remote at the TV and press **POWER**. The remote sends IR codes from its library to the selected device, starting with the most popular code first.

NOTE: This process may take up to 30 minutes.

5. If the TV responds, go to step 6. If the TV does not respond, press **CH▲**. The remote tries the next code. Continue until the TV responds.

NOTE: Press **CH▼** to try the previous code.

6. To lock in the code, press **SELECT**

7. To search for other device codes, repeat steps 1 to 6, substituting the appropriate key for the device.

CHECKING THE CODES

If you have set up the remote using the procedure in Searching for Your Code, you may need to find out which four-digit code is operating your equipment.

For example, to find out which code is assigned to your TV:

1. Press and hold **TV** until the green LED blinks twice.
2. Enter **9 9 0**. The LED blinks twice.
3. To view the code for the first digit, press 1. Count the LED blinks (for example, three blinks = 3), and write down the number.

NOTE: If a code digit is 0, the LED does not blink.

4. Repeat step 4 for the four remaining digits, using 2 for the second digit, 3 for the third digit, 4 for the fourth digit, and 5 for the fifth digit.
5. To check for other device codes, repeat steps 1 to 4, substituting the appropriate key for each device you are checking.

CHANGING VOLUME LOCK

CAUTION: Changing the volume lock settings could negatively affect your DIRECTV Receiver's operation. Please read these instructions thoroughly before making any changes. For example, changing the volume lock settings can cause your DIRECTV Receiver not to control your TV's volume when in DIRECTV mode. This could cause you not to be able to control the volume if your amplifier is turned off and your TV is muted.

Your DIRECTV Big Button Remote is preset so the volume keys always control the volume on the TV you've set up on the remote when the remote is in DIRECTV mode. However, you can change this setting so the remote controls another device, such as a home theater amplifier. To enable this feature, perform the following steps:

NOTE: You cannot lock the volume to **DIRECTV** mode, or to **AUX 1/AUX 2** modes if those modes are set up for a DIRECTV Receiver.

Unlocking Volume Control for a Single Device (Individual Volume Unlock)

1. Select and hold the mode key for the device to unlock for volume control until the green LED blinks twice.
2. Enter **9 9 3** and then press **VOL-**. The LED blinks four times.

3. Repeat steps 1 to 2 for any other device that you want to have independent volume control.

Locking Volume Control to One Mode (Global Volume Lock)


1. Select and hold the mode key for a device (for example, **TV**) until the green LED blinks twice.
2. Enter **9 9 3** and then press the key for a second device (for example, **AUX 1** to control the volume of an audio amplifier). The LED blinks twice. Now when you press **VOL+**, **VOL-**, or **Mute**, the selected device (for example, **AUX 1**) controls the volume regardless of the current mode.

Unlocking All Volume Control

1. Select and hold the mode key for a device (for example, **TV**) until the green LED blinks twice.
2. Enter **9 9 3** and then press **VOL+**. The LED blinks four times. Volume is independently controlled for all programmed devices.

CHANGING CHANNEL LOCK

CAUTION: Changing the channel lock settings could negatively affect your DIRECTV Receiver's operation. Please read these instructions thoroughly before making any changes.

The DIRECTV Big Button Remote comes preset to allow independent channel control of each selected device. However, you may change the Channel Lock setting so that the DIRECTV Receiver's (**DIRECTV**  mode only) channel keys control the channels in all other modes.

Locking Channels

1. Press and hold the **DIRECTV** key until the green LED flashes twice.
2. Enter **9 7 3** and then press **CH▲**. The LED blinks twice. Now when you press **CH▲** or **CH▼**, the satellite receiver controls the channels regardless of the current mode.

Unlocking Channels

1. Press and hold the **DIRECTV** key until the green LED flashes twice.
2. Enter **9 7 3** and then press **CH▼**. The LED blinks four times. Now when you press **CH▲** or **CH▼**, the individual devices control the channels.

CLEARING CUSTOM PROGRAMMING

Your DIRECTV Big Button Remote includes a Custom Programming Reset feature. You can use it to remove all custom programming.

IMPORTANT: Executing this program erases all custom settings for Volume Lock and Channel Lock.

1. Press and hold a device key (for example, **DIRECTV**).
2. Enter **9 8 1**. The last-selected device key blinks twice, pauses, and blinks twice again to confirm that all custom programming is cleared.

TROUBLESHOOTING

PROBLEM: Light at the top of the remote blinks when you press a key, but the component does not respond.

SOLUTION 1: Try replacing the batteries. (See “Installing Batteries” on page 3.)

SOLUTION 2: Make sure you are aiming the DIRECTV Big Button Remote at your home entertainment component and that you are within 15 feet of the component you are trying to control.

PROBLEM: The DIRECTV Big Button Remote does not control component or commands are not recognized properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all components can be operated with an infrared remote control.

PROBLEM: TV/VCR combo does not respond properly.

SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation. (See “Programming a Device” on page 5.)

PROBLEM: **CH+**, **CH-**, and **PREV** do not work for your RCA TV.

SOLUTION: Due to RCA design for certain models (1983-1987), only the original remote control operates these functions.

PROBLEM: Changing channels does not work properly.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require setting up TV codes on the remote control. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048. (See “Programming a Device” on page 5.)

CARE

- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the unit only in normal temperature environments.

- Handle the remote gently and carefully. Don't drop it.
- Wipe the remote with a damp cloth to keep it looking like new.

Modifying or tampering with the internal parts can cause damage and invalidate the warranty.

SPECIFICATIONS

Power(2) AA Alkaline Batteries

Size (H x W x D)7.67 x 2.44 x 1.42 in.
(195 x 72.5 x 34 mm)

Weight (w/o batteries)4.76 oz. (136 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without any notice.

FCC NOTICE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase or decrease the separation between the equipment and the receiver.
- Consult the dealer or an experienced remote control/TV technician for help.

DIRECTV SETUP CODES

Setup Codes for DIRECTV Receivers

DIRECTV all models 00001, 00002

Hughes Network Systems 00749
(most models)

Hughes Network Systems 01749
models GAEB0, GAEB0A,
GCB0, GCEB0A, HBH-SA,
HAH-SA

GE models GRD33G2A and 00566
GRD33G3A, GRD122GW

Philips models DSX5500 00099
and DSX5400

Proscan models PRD8630A 00566
and PRD8650B

RCA models DRD102RW, 00566
DRD203RW, DRD301RA,
DRD302RA, DRD303RA,
DRD403RA, DRD703RA,
DRD502RB, DRD 503RB,
DRD505RB, DRD515RB,
DRD523RB, and
DRD705RB

DRD440RE, DRD460RE, 00392
DRD480RE, DRD430RG,
DRD431RG, DRD450RG,
DRD451RG,
DRD485RG, DRD486RG,
DRD430RGA,
DRD450RGA,
DRD485RGA, DRD435RH,
DRD455RH, and
DRD486RH

Samsung model SIR-S60W 01109

Samsung models SIR-S70, 01108
SIR-S75, SIR-S300W, and
SIR-S310W

Sony models (All models 01639
except TiVo and Ultimate
TV)

Setup Codes for DIRECTV HD Receivers

DIRECTV all models 00001, 00002

Hitachi model 61HDX98B 00819

HNS models HIRD-E8, 01750
HTL-HD

LG model LSS-3200A, 01750
HTL-HD

Mitsubishi model SR-HD5 01749, 00749

Philips model DSHD800R	01749
Proscan model PSHD105	00392
RCA models DTC-100, DTC-210	00392
Samsung model SIR-TS360	01609
Samsung models SIR- TS160	01276
Sony models SAT-HD100, 200, 300	01639
Toshiba models DST-3000, DST-3100, DW65X91	01749, 01285
Zenith models DTV1080, HD-SAT520	01856
Setup Codes for DIRECTV DVRs	
DIRECTV all models	00001, 00002
HNS models SD-DVR80, SD-DV40, SD-DVR120, HDVR2, GXCEBOT, GXCEBOTD	01442
Philips models DSR704, DSR708, DSR6000, DSR600R, DRS700/17	01142, 01442
RCA models DWD490RE, DWD496RG	01392
RCA models DVR39, 40, 80, 120	01442
Sony model SAT-T60	00639
Sony model SAT-W60	01640
Samsung models SIR- S4040R, SIR-S4080R, SIR- S4120R	01442

MANUFACTURER'S CODES

Setup Codes for TVs

A-Mark	10003
Abex	10032
Admiral	1093, 10463
Advent	10761, 10783, 10815, 10817, 10842
Adventura	10046
Aiko	1092
Akai	10030, 10060, 10672, 10702, 10812
Alaron	10179
Albatron	10700, 10843
Ambassador	10177
America Action	10180
Ampro	10751
Anam	10180
Anam National	10055
AOC	10003, 10019, 10030, 10052, 10185
Apex Digital	10156, 10748, 10765, 10767, 10879
Archer	10003
Audiovox	10003, 1092, 10180, 10451, 10623, 10802, 10875, 11284
Aventura	10171
Belcor	10019
Bell & Howell	10016, 10154
BenQ	11032, 11315
Boxlight	10893
Bradford	10180
Brockwood	10019
Broksonic	10003, 10180, 10236, 10463
Cadia	11283
Candle	10030, 10046, 10056, 10186
Carnivale	10030
Carver	10054
CCE	10217
Celebrity	10000
Celera	10765
Changhong	10765

Citizen	10030, 10039, 10046, 10056, 10060, 1092, 10186, 10280
Clairtone	10185
Clarion	10180
Commercial Solutions	10047, 11447
Concerto	10056
Contec	10157, 10180, 10185
Craig	10180
Crosley	10054
Crown	10039, 10180
Curtis Mathes	10016, 10030, 10039, 10047, 10054, 10056, 10060, 1093, 1145, 10154, 10166, 10451, 10466, 10702, 11147, 11347
CXC	10180
Daewoo	10019, 10039, 1092, 10451, 10623, 10661, 10672, 11661
Daytron	10019
Dell	11080, 11178, 11264, 11454
Denon	1145, 10511
Denstar	10628
Dumont	10017, 10019
Durabrand	10003, 10171, 10178, 10180, 10463, 11034
Dwin	1093, 10720, 10774
Electroband	10000, 10185
Electrograph	11755
Electrohome	10381
Emerson	10019, 10038, 10039, 10154, 10171, 10177, 10178, 10179, 10180, 10185, 10236, 10280, 10282, 10451, 10463, 10623
Envision	10030, 10813
Epson	10833, 10840
ESA	10171, 10812
Fisher	10154, 10159
Fujitsu	10179, 10186, 10683, 10809, 10853
Funai	10171, 10179, 10180
Futuretech	10180
Gateway	11755, 11756

GE	10021, 10027, 10047, 10051, 10055, 1135, 10178, 10282, 10451, 11347, 11447
Gibralter	10017, 10019, 10030
Go Video	10886
GoldStar	10001, 10019, 10030, 10032, 10178
Goodmans	10360
Grundig	10683
Grunpy	10179, 10180
Haier	10768, 11034
Hallmark	10178
Hannspree	11348, 11351, 11352
Harley Davidson	10179
Harman/Kardon	10054
Harvard	10180
Havermy	1093
Helios	10865
Hello Kitty	10451
Hewlett Packard	11502
Hisense	10748
Hitachi	10016, 10032, 10038, 10056, 1145, 10151, 11145
HP	11502
Hyundai	10849
Infinity	10054
Inteq	10017
Janeil	10046
JBL	10054
JCB	10000
Jensen	10761, 10815, 10817
JVC	10053, 10731, 11253, 11352
Kaypani	10052
KEC	10180
Kenwood	10019, 10030
KLH	10765, 10767
Kloss	10024, 10046
Konka	10628, 10632, 10638, 10703, 10707
KTV	10030, 10039, 10180, 10185, 10217, 10280
LG	10178, 10442, 10700, 10856, 11178, 11265

Loewe	1136
Logik	10016
Luxman	10056
LXI	10047, 10054, 10154, 10156, 10178
Magnavox	10020, 10024, 10030, 10054, 1096, 10179, 10186, 10187, 10386, 10706, 10802, 11254, 11454
Majestic	10016
Marantz	10030, 10054, 10704, 10855, 11154, 11454
Matsushita	10250, 10650
Maxent	11755
Megapower	10700
Megatron	10003, 1145, 10178
MEI	10185
Memorex	10016, 1150, 10154, 10178, 10179, 10463
MGA	10019, 10030, 1150, 10178
Midland	10017, 10032, 10039, 10047, 10051, 1135
Minutz	10021
Mitsubishi	10019, 1093, 1150, 10178, 10836, 10868, 11250
Monivision	10700, 10843
Motorola	10055, 1093
MTC	10019, 10030, 10056, 10060, 10185
Multitech	10180, 10217
NAD	10156, 10178, 10866
NEC	10019, 10030, 10056, 10497, 10882, 11704
NetTV	11755
Nikko	10030, 1092, 10178
Norcent	10748, 10824
Noshi	10018
NTC	1092
Olevia	11331
Onwa	10180
Optimus	10154, 10166, 10250, 10650
Optoma	10887, 11348
Optonica	1093, 10165
Orion	10179, 10236, 10463, 11463

Panasonic	10051, 10055, 10250, 10650, 11410
Penney	10003, 10018, 10019, 10021, 10027, 10030, 10032, 10039, 10047, 10051, 10060, 1135, 10156, 10178, 11347
Philco	10019, 10020, 10030, 10054, 1096
Philips	10054, 10690, 11154, 11454
Pilot	10019, 10030, 10039
Pioneer	10038, 10166, 10679, 10866
Polaroid	10765, 10865, 11276, 11314, 11316, 11326, 11327, 11328
Portland	10019, 10039, 1092
Prima	10761, 10783, 10815, 10817
Princeton	10700, 10717
Prism	10051
Proscan	10047, 10466, 11347, 11447
Proton	10003, 10052, 10178, 10466
Pulsar	10017, 10019
Quasar	10051, 10055, 10165, 10250, 10650
RadioShack	10019, 10030, 10032, 10039, 10047, 10056, 10154, 10165, 10178, 10180
RCA	10018, 10019, 10038, 10047, 1090, 1135, 10679, 11047, 11147, 11247, 11347, 11447, 11547
Realistic	10019, 10030, 10032, 10039, 10056, 10154, 10165, 10178, 10180
Rhapsody	10185
Runco	10017, 10030, 10497, 10603
Sampo	10030, 10032, 10039, 10052, 11755
Samsung	10019, 10030, 10032, 10056, 10060, 10178, 10217, 10587, 10702, 10766, 10812, 10814, 11060, 11312
Samsux	10039
Sansui	10463
Sanyo	10088, 1146, 10154, 10159, 10799, 10893

Sceptre	11360
Scimitsu	10019
Scotch	10178
Scott	10019, 10178, 10179, 10180, 10236
Sears	10047, 10054, 10056, 1146, 10154, 10156, 10159, 10171, 10178, 10179
Seleco	11351
Sharp	10039, 1093, 10157, 10165, 10386, 10491, 10688, 10689, 10851
Sheng Chia	1093
Shogun	10019
Signature	10016
Simpson	10186, 10187
Sole	10813
Sony	10000, 10080, 1111, 10834, 11100
Soundesign	10178, 10179, 10180, 10186
Spectricon	10003
Squareview	10171
SSS	10019, 10180
Starlite	10180
Studio Experience	10843
Superscan	1093, 10864
Supre-Macy	10046
Supreme	10000
SVA	10587, 10748, 10768, 10865, 10870, 10871, 10872
Sylvania	10020, 10030, 10054, 1096, 10171, 10381
Symphonic	10171, 10180
Syntax	11331
Tandy	1093
Tatung	10003, 10055, 11285, 11756
Technics	10051, 10250
Technol Ace	10179
Techview	10847
Techwood	10003, 10051, 10056
Teknika	10016, 10019, 10039, 10054, 10056, 10060, 1092, 1150, 10179, 10180, 10186
Telefunken	10056, 10702

TMK	10056, 10177, 10178
TNCi	10017
Toshiba	10060, 10154, 10156, 10650, 10832, 10845, 11156, 11256, 11265, 11343, 11356, 11360, 11656, 11704
Tosonic	10185
Totevision	10039
Trical	10157
TVS	10463
Universal	10027
Vector Research	10030
Victor	10053
Vidikron	10054
Vidtech	10019, 10178
Viewsonic	10857, 10864, 10885, 11330, 11342, 11755
Viking	10046
Vizio	10864, 10885, 11756
Wards	10016, 10019, 10020, 10021, 10027, 10030, 10054, 10056, 10080, 1096, 1111, 10165, 10178, 10179, 10866, 11156
Waycon	10156
Westinghouse	10000, 10451, 10885, 10889, 11282
White Westinghouse	10463, 10623
Yamaha	10019, 10030, 10769, 10833, 10839
Zenith	10016, 10017, 1092, 10178, 10463, 11145, 11265
Zonda	10003
Setup Codes for VCRs	
ABS	21972
Admiral	20048, 20209, 20479
Adventura	20000
Aiko	20278
Aiwa	20000, 20037, 20124, 20307
Akai	20041, 20061, 20106, 20175
Alienware	21972
America Action	20278
American High	20035
Asha	20240

Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20002, 20121, 20184, 20209, 20479, 21479
Calix	20037
Canon	20035
Carver	20081
CCE	20072, 20278
Citizen	20037, 20278, 21278
Colt	20072
Craig	20037, 20047, 20072, 20240
Curtis Mathes	20035, 20041, 20060, 20162, 21035
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20278, 20561, 21278
Dell	21972
Denon	20042
DirecTV	20739
Durabrand	20038, 20039
Dynatech	20000
Electrohome	20037, 20043
Electroponic	20037
Emerex	20032
Emerson	20000, 20002, 20037, 20043, 20061, 20121, 20184, 20209, 20212, 20278, 20479, 20561, 20593, 21278, 21479, 21593
Fisher	20047, 20104
Fuji	20033, 20035
Funai	20000, 20593, 21593
Garrard	20000
Gateway	21972
GE	20035, 20060, 20065, 20202, 20240, 20761, 20807, 21035, 21060
Go Video	20240, 20432, 20526
GoldStar	20037, 20038, 21237
Gradiente	20000
Harley Davidson	20000
Harman/Kardon	20038, 20075, 20081
Harwood	20072

Headquarter	20046
Hewlett Packard	21972
HI-Q	20047
Hitachi	20000, 20041, 20042, 20065, 20089, 20105
Howard Computers	21972
HP	21972
Hughes Network Systems	20042, 20739
Humax	20739
Hush	21972
iBUYPOWER	21972
Jensen	20041
JVC	20008, 20041, 20067
KEC	20037, 20278
Kenwood	20038, 20041, 20067
KLH	20072
Kodak	20035, 20037
LG	21037
Linksys	21972
Lloyd's	20000
Logik	20072
LXI	20037
Magnasonic	20593, 21278
Magnavox	20000, 20035, 20039, 20081, 20149, 20563, 20593, 21781
Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162
Media Center PC	21972
MEI	20035
Memorex	20000, 20035, 20037, 20039, 20046, 20047, 20048, 20104, 20162, 20209, 20240, 20307, 20479, 21037, 21237
MGA	20043, 20061, 20240
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042, 20105
Mitsubishi	20043, 20061, 20067, 20075, 20173, 20807
Motorola	20035, 20048

MTC	20000, 20240
Multitech	20000, 20072
NEC	20038, 20040, 20041, 20067, 20104
Nikko	20037
Nikon	20034
Niveus Media	21972
Noblex	20240
Northgate	21972
Olympus	20035, 20226
Onkyo	20222
Optimus	20037, 20048, 20104, 20162, 20432, 20593, 21048, 21062
Orion	20002, 20184, 20209, 20479, 21479
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Pentax	20042, 20065, 20105
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ReplayTV	20614, 20616

Ricavision	21972
Ricoh	20034
Runco	20039
Salora	20075
Samsung	20045, 20240, 20739
Sanky	20039, 20048
Sansui	20000, 20041, 20067, 20209, 20479, 21479
Sanyo	20046, 20047, 20104, 20159, 20240
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Tatung	20041
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Tivo	20618, 20636, 20739, 21996
TMK	20240
Toshiba	20043, 20045, 20209, 20210, 20212, 20366, 20845, 21008, 21145, 21972, 21996
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Allegro	20869
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AMW	20872
Apex Digital	20672, 20717, 20755, 20794, 20796, 20797, 21004, 21020, 21056, 21061, 21100
Aspire Digital	21168, 21407
Audiovox	20790, 21041, 21072
Axion	21072
B & K	20655, 20662
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Broksonic	20695
California Audio Labs	20490
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Citizen	21277
Coby	20778, 20852, 21086, 21107, 21177, 21351
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Hiteker	20672
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Jaton	21078
JBL	20702
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Kawasaki	20790
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Adcom	30616
Aiwa	30121, 30189, 31243, 31388, 31405, 31641
Akai	30224, 31255, 31512
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AMW	31563, 31615
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Carver	30008, 30121, 30189, 30360, 31189, 31289
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Coby	31389
Criterion	31420
Daewoo	31250
Delphi	31414
Denon	30121, 30273, 30771, 31142, 31360
Emerson	30424
Fisher	30219, 30360, 31801
Garrard	30424
Gateway	31517, 31567
Go Video	31532
Harman/Kardon	30110, 30189, 30891, 31289, 31304, 31306
Hitachi	31273, 31801
Initial	31426
Inkel	30062
Integra	30135, 31298, 31320
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KLH	31390, 31412, 31428
Koss	30424, 31366, 31497
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Lexicon	31076

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Linn	30189
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Marantz	30039, 30128, 30189, 31189, 31269, 31289
McIntosh	31289
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Polk Audio	30189, 31289, 31414
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Sansui	30189, 30346, 31189
Sanyo	30219, 31469, 31801
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Sharp	30186
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Sherwood	30062, 31077, 31423, 31517, 31567, 31653
Shinsonic	31426
Sirius	31602, 31627, 31811
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Victor	30074
Wards	30014, 30189
XM	31406, 31414
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Adcom	30577, 31100
AudioSource	30011
Bose	30674
Carver	30892
Durabrand	31561
Elan	30647
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Harman/Kardon	30892
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Kenwood	30356
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